TABLE 3

ANALYTICAL DATA
PHASE 2 - ROUND 1
OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Sample Descripton:			*OW650D*	*OW660 Dup.*	*OW652B*	*OW652C*	*OW652D*	*OW653B*
Compounds/Analytes	*Units*	*Detection Level*						
Phosphorus, Total Soluble	µg P/L	10	ND	ND	42	ND	ND	30
Arsenic	µg/L	19	ND30	ND	ND30	ND30	ND30	ND
Mercury	µg/L	0.2	3.1	ND	ND	ND	2	ND
Lead	µg/L	16	ND	38	ND4	ND4	ND4	ND
Toluene	µg/L	1	ND	ND	ND	ND	2	2
2-Chlorotoluene	µg/L	1	ND	ND	ND	15	42	54
4-Chlorotoluene	µg/L	1	ND	ND	ND	ND	2	ND
2,4-/2,5-Dichlorotoluene	µg/L	1	ND	ND	ND	ND	ND	ND
2,6-Dichlorotoluene	µg/L	1	ND	ND	ND	ND	ND	ND
2,3-/3,4-Dichlorotoluene	µg/L	1	ND	ND	ND	ND	ND	ND
2,3,6-Trichlorotoluene	µg/L	1	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorotoluene	µg/L	1	ND	ND	ND	ND	ND	ND
Benzene	µg/L	1	ND	ND	5	26	ND	190
Chlorobenzene	µg/L	1	ND	ND	ND	5	95	170
1,2-Dichlorobenzene	µg/L	1	1	2	ND	1	8	3
1,3-Dichlorobenzene	µg/L	1	ND	ND	3	14	27	10
1,4-Dichlorobenzene	µg/L	1	ND	ND	2	6	24	9
1,2,3-Trichlorobenzene	µg/L	1	ND	ND	ND	1	ND	ND
1,2,4-Trichlorobenzene	µg/L	1	2J	1J	ND	3J	1J	ND
1,2,3,4-Tetrachlorobenzene	µg/L	1	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	µg/L	1	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	µg/L	1	ND	ND	ND	ND	ND	ND
Trichloroethylene	µg/L	1	2	2	ND	54J	21J	ND
Tetrachloroethylene	µg/L	1	1	1	1J	7J	1J	ND
2-Chlorobenzotrifluoride	µg/L	1	ND	ND	ND	ND	ND	ND
4-Chlorobenzotrifluoride	µg/L	1	ND	ND	2	14	1	24
2,4-Dichlorobenzotrifluoride	µg/L	1	ND	ND	ND	ND	ND	ND
3,4-Dichlorobenzotrifluoride	µg/L	1	ND	ND	ND	ND	ND	1
Hexachlorobutadiene	µg/L	1	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	µg/L	1	ND	ND	ND	ND	ND	ND
Octachlorocyclopentene	µg/L	1	ND	ND	ND	ND	ND	ND
Perchloropentacyclodecane (Mirex)	µg/L	1	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	µg/L	10	ND	ND	ND	ND	ND	ND
a-Hexachlorocyclohexane	µg/L	1	ND	ND	ND	ND	ND	ND
b-Hexachlorocyclohexane	µg/L	1	ND	ND	ND	ND	ND	ND
g-Hexachlorocyclohexane	µg/L	1	ND	ND	ND	ND	ND	ND
d-Hexachlorocyclohexane	µg/L	1	ND	ND	ND	ND	ND	ND
Benzoic acid	µg/L	100	ND	ND	ND	ND	ND	ND
2-Chlorobenzoic acid	µg/L	30	ND	ND	ND	ND	ND	ND
3-Chlorobenzoic acid	µg/L	30	ND	ND	ND	ND	ND	ND
4-Chlorobenzoic acid	µg/L	30	ND	ND	ND	ND	ND	ND
Chlorobenzoic acids, total	µg/L	90	ND	ND	ND	ND	ND	ND
Chlorendic acid	µg/L	250	ND	ND	ND	ND	ND	ND
Total Organic Carbon (TOC)	mg/L	1	ND5	ND4	ND6	ND3	ND6	NA
Total Organic Halides (TOX)	µg/L	50	R	R	R	R	R	R

Notes:

ND Not detected at or above the detection level shown in the column entitled "Detection Level". Where detection levels vary, the detection level is shown with the respective analyses.

NA Not Available.

J Associated result is estimated.

R Result was rejected.

TABLE 3

ANALYTICAL DATA
PHASE 2 - ROUND 1
OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Sample Descripton:			*OW653C*	*OW653D*	*OW657B*	*OW657C*	*OW657D*
Compounds/Analytes	*Units*	*Detection Level*					
Phosphorus, Total Soluble	µg P/L	10	12	100	14	ND	22
Arsenic	µg/L	19	ND22	ND22	ND23	ND23	ND23
Mercury	µg/L	0.2	ND	ND	ND	ND	ND
Lead	µg/L	16	ND21	ND21	ND30	ND30	ND30
Toluene	µg/L	1	2	2	ND	ND	ND
2-Chlorotoluene	µg/L	1	1	480	ND	ND	8
4-Chlorotoluene	µg/L	1	ND	ND	ND	ND	ND
2,4-/2,5-Dichlorotoluene	µg/L	1	ND	55	2	ND	ND
2,6-Dichlorotoluene	µg/L	1	ND	7	ND	ND	ND
2,3-/3,4-Dichlorotoluene	µg/L	1	ND	1	ND	ND	ND
2,3,6-Trichlorotoluene	µg/L	1	ND	ND	ND	ND	ND
2,4,5-Trichlorotoluene	µg/L	1	ND	ND	ND	ND	ND
Benzene	µg/L	1	10	16J	2	ND	2
Chlorobenzene	µg/L	1	ND	250	ND	ND	2
1,2-Dichlorobenzene	µg/L	1	ND	4	ND	ND	ND
1,3-Dichlorobenzene	µg/L	1	ND	24	ND	ND	2
1,4-Dichlorobenzene	µg/L	1	ND	52	8	ND	2
1,2,3-Trichlorobenzene	µg/L	1	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	µg/L	1	ND	ND	ND	ND	ND
1,2,3,4-Tetrachlorobenzene	µg/L	1	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	µg/L	1	ND	ND	ND	ND	ND
Hexachlorobenzene	µg/L	1	ND	ND	ND	ND	ND
Trichloroethylene	µg/L	1	ND	ND	70	810	130
Tetrachloroethylene	µg/L	1	ND	ND	10	59	25
2-Chlorobenzotrifluoride	µg/L	1	ND	1	ND	ND	ND
4-Chlorobenzotrifluoride	µg/L	1	ND	97	2	ND	ND
2,4-Dichlorobenzotrifluoride	µg/L	1	ND	ND	ND	ND	ND
3,4-Dichlorobenzotrifluoride	µg/L	1	ND	4	ND	ND	ND
Hexachlorobutadiene	µg/L	1	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	µg/L	1	ND	ND	ND	ND	ND
Octachlorocyclopentene	µg/L	1	ND	ND	ND	ND	ND
Perchloropentacyclodecane (Mirex)	µg/L	1	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	µg/L	10	ND	ND	ND	ND	ND
a-Hexachlorocyclohexane	µg/L	1	ND	ND	ND	ND	ND
b-Hexachlorocyclohexane	µg/L	1	ND	ND	ND	ND	ND
g-Hexachlorocyclohexane	µg/L	1	2	ND	ND	ND	ND
d-Hexachlorocyclohexane	µg/L	1	ND	ND	ND	ND	ND
Benzoic acid	µg/L	100	ND	ND	ND	ND	ND
2-Chlorobenzoic acid	µg/L	30	ND	ND	ND	ND	ND
3-Chlorobenzoic acid	µg/L	30	ND	ND	ND	ND	ND
4-Chlorobenzoic acid	µg/L	30	ND	ND	ND	ND	ND
Chlorobenzoic acids, total	µg/L	90	ND	ND	ND	ND	ND
Chlorendic acid	µg/L	250	ND	ND	ND	ND	ND
Total Organic Carbon (TOC)	mg/L	1	ND5	ND3	ND4	ND3	ND3
Total Organic Halides (TOX)	µg/L	50	R	R	R	R	R

Notes:

ND Not detected at or above the detection level shown in the column entitled "Detection Level". Where detection levels vary, the detection level is shown with the respective analyses.

NA Not Available.

J Associated result is estimated.

R Result was rejected.

TABLE 3

ANALYTICAL DATA
PHASE 2 - ROUND 1
OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Sample Descripton:			*OW658B*	*OW658C*	*OW658D*	*OW659B*	*OW659C*	*OW659D*
Compounds/Analytes	*Units*	*Detection Level*						
Phosphorus, Total Soluble	µg P/L	10	ND	ND	ND	ND	19	ND
Arsenic	µg/L	19	ND23	ND	ND	ND23	ND23	ND23
Mercury	µg/L	0.2	ND	ND	ND	0.7	ND	ND
Lead	µg/L	16	ND30	ND	ND	ND30	ND30	150
Toluene	µg/L	1	ND	2	2	3	4	ND
2-Chlorotoluene	µg/L	1	5	240	180	320	240	32
4-Chlorotoluene	µg/L	1	ND	47	15	4	ND	ND
2,4-/2,5-Dichlorotoluene	µg/L	1	ND	15	19	10	10	3
2,6-Dichlorotoluene	µg/L	1	ND	3	2	1	1	ND
2,3-/3,4-Dichlorotoluene	µg/L	1	ND	4	2	ND	ND	1
2,3,6-Trichlorotoluene	µg/L	1	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorotoluene	µg/L	1	ND	ND	ND	ND	ND	ND
Benzene	µg/L	1	10J	840	960	1200	21	4
Chlorobenzene	µg/L	1	10	540	620	1600	290	86
1,2-Dichlorobenzene	µg/L	1	ND	43	69	77	8	1
1,3-Dichlorobenzene	µg/L	1	4	120	360	480	130	7
1,4-Dichlorobenzene	µg/L	1	3	98	210	410	80	6
1,2,3-Trichlorobenzene	µg/L	1	ND	ND	ND	ND	ND	3
1,2,4-Trichlorobenzene	µg/L	1	ND	ND	ND	ND	ND	9J
1,2,3,4-Tetrachlorobenzene	µg/L	1	ND	ND	ND	ND	ND	36
1,2,4,5-Tetrachlorobenzene	µg/L	1	ND	ND	ND	ND	ND	5
Hexachlorobenzene	µg/L	1	ND	ND2	ND	ND	ND	ND
Trichloroethylene	µg/L	1	22	ND	13	ND	ND	ND
Tetrachloroethylene	µg/L	1	8	ND	3	ND	ND	3J
2-Chlorobenzotrifluoride	µg/L	1	ND	5	ND	ND	ND	ND
4-Chlorobenzotrifluoride	µg/L	1	4	3	51	61	65	1
2,4-Dichlorobenzotrifluoride	µg/L	1	ND	ND	ND	3	ND	ND
3,4-Dichlorobenzotrifluoride	µg/L	1	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	µg/L	1	ND	ND	ND	ND	ND	3
Hexachlorocyclopentadiene	µg/L	1	ND	ND	ND	ND	ND	ND
Octachlorocyclopentene	µg/L	1	ND	ND	ND	ND	ND	1
Perchloropentacyclodecane (Mirex)	µg/L	1	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	µg/L	10	ND	ND	ND	ND	ND	ND
a-Hexachlorocyclohexane	µg/L	1	ND	ND	4	ND	ND	ND
b-Hexachlorocyclohexane	µg/L	1	ND	ND	ND	ND	ND	ND
g-Hexachlorocyclohexane	µg/L	1	ND	ND	ND	ND	ND	ND
d-Hexachlorocyclohexane	µg/L	1	ND	ND	ND	ND	ND	ND
Benzoic acid	µg/L	100	ND	ND	ND	ND	ND	ND
2-Chlorobenzoic acid	µg/L	30	ND	ND	ND	ND	ND	ND
3-Chlorobenzoic acid	µg/L	30	ND	ND	ND	ND	ND	ND
4-Chlorobenzoic acid	µg/L	30	ND	ND	ND	ND	ND	ND
Chlorobenzoic acids, total	µg/L	90	ND	ND	ND	ND	ND	ND
Chlorendic acid	µg/L	250	ND	ND	ND	ND	ND	ND
Total Organic Carbon (TOC)	mg/L	1	ND6	ND4	8	12	18	ND3
Total Organic Halides (TOX)	µg/L	50	R	R	R	R	R	R

Notes:

ND Not detected at or above the detection level shown in the column entitled "Detection Level". Where detection levels vary, the detection level is shown with the respective analyses.

NA Not Available.

J Associated result is estimated.

R Result was rejected.

TABLE 3

ANALYTICAL DATA
PHASE 2 - ROUND 1
OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Sample Descripton:			*PASNY 139*	*BH11D-92*	*MW-1*	*MW-3*
Compounds/Analytes	*Units*	*Detection Level*				
Phosphorus, Total Soluble	µg P/L	10	ND	13	ND	14
Arsenic	µg/L	19	ND23	ND23	ND	ND
Mercury	µg/L	0.2	ND	ND	ND	ND
Lead	µg/L	16	ND	35	41	ND
Toluene	µg/L	1	2	ND	ND	ND
2-Chlorotoluene	µg/L	1	480	6	ND	ND
4-Chlorotoluene	µg/L	1	ND	1	ND	ND
2,4-/2,5-Dichlorotoluene	µg/L	1	ND	ND	ND	ND
2,6-Dichlorotoluene	µg/L	1	ND	ND	ND	ND
2,3-/3,4-Dichlorotoluene	µg/L	1	ND	ND	ND	ND
2,3,6-Trichlorotoluene	µg/L	1	ND	ND	ND	ND
2,4,5-Trichlorotoluene	µg/L	1	ND	ND	ND	ND
Benzene	µg/L	1	5J	15	ND	ND
Chlorobenzene	µg/L	1	ND	9	ND	ND
1,2-Dichlorobenzene	µg/L	1	ND	3	ND	ND
1,3-Dichlorobenzene	µg/L	1	ND	12	ND	ND
1,4-Dichlorobenzene	µg/L	1	ND	17	ND	ND
1,2,3-Trichlorobenzene	µg/L	1	ND	1	ND	ND
1,2,4-Trichlorobenzene	µg/L	1	ND	5	ND	ND
1,2,3,4-Tetrachlorobenzene	µg/L	1	ND	4	ND	ND
1,2,4,5-Tetrachlorobenzene	µg/L	1	ND	2	ND	ND
Hexachlorobenzene	µg/L	1	ND	ND	ND	ND
Trichloroethylene	µg/L	1	430	3	3	ND
Tetrachloroethylene	µg/L	1	61J	4	ND	7
2-Chlorobenzotrifluoride	µg/L	1	ND	ND	ND	ND
4-Chlorobenzotrifluoride	µg/L	1	4	5	ND	ND
2,4-Dichlorobenzotrifluoride	µg/L	1	ND	1	ND	ND
3,4-Dichlorobenzotrifluoride	µg/L	1	ND	2	ND	ND
Hexachlorobutadiene	µg/L	1	ND	ND	ND	ND
Hexachlorocyclopentadiene	µg/L	1	ND	ND	ND	ND
Octachlorocyclopentene	µg/L	1	ND	ND	ND	ND
Perchloropentacyclodecane (Mirex)	µg/L	1	ND	ND	ND	ND
2,4,5-Trichlorophenol	µg/L	10	ND	ND	ND	ND
a-Hexachlorocyclohexane	µg/L	1	ND	ND	ND	ND
b-Hexachlorocyclohexane	µg/L	1	ND	ND	ND	ND
g-Hexachlorocyclohexane	µg/L	1	ND	ND	ND	ND
d-Hexachlorocyclohexane	µg/L	1	ND	ND	ND	ND
Benzoic acid	µg/L	100	ND	ND	ND	ND
2-Chlorobenzoic acid	µg/L	30	ND	ND	ND	ND
3-Chlorobenzoic acid	µg/L	30	ND	ND	ND	ND
4-Chlorobenzoic acid	µg/L	30	ND	ND	ND	ND
Chlorobenzoic acids, total	µg/L	90	ND	ND	ND	ND
Chlorendic acid	µg/L	250	ND	ND	ND	ND
Total Organic Carbon (TOC)	mg/L	1	ND3	ND6	ND6	ND3
Total Organic Halides (TOX)	µg/L	50	R	R	R	R

Notes:

ND Not detected at or above the detection level shown in the column entitled "Detection Level". Where detection levels vary, the detection level is shown with the respective analyses.

NA Not Available.

J Associated result is estimated.

R Result was rejected.

TABLE 4

MAXIMUM HOLDING TIMES
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Laboratory Analysis	*Method*	*Maximum Holding Times (1) (Contractural)*	*Maximum Holding Times (2) (Technical)*
General Organics	OxyChem Microextraction Method	7 days from collection to extraction 40 days from extraction to analysis	NA
Benzene	8020	7 days from collection to analysis	7 days from collection to analysis
HPLC Parameters	Solvent Exchange Method	30 days from collection to analysis	NA
Total Organic Carbon	9060	28 days from collection to analysis	28 days from collection to analysis
Total Organic Halides	450.1	7 days from collection to analysis	7 days from collection to analysis
Total Soluble Phosphorus	365.2	28 days from collection to analysis	28 days from collection to analysis
Arsenic and Lead	200.7	28 days from collection to analysis	6 months from collection to analysis
Mercury	7470	28 days from collection to analysis	28 days from collection to analysis

Notes:
(1) Contractual holding times in accordance with the "QAP".
(2) Technical holding times in accordance with the methods cited.

TABLE 5

SAMPLE HOLDING TIME SUMMARY
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Sample ID	*Analyses*	*Date Sample*	*Date Extracted*	*Date Analyzed*	*Holding Time (days) (1)*	*Holding Time (days) (2)*
OW650D	General Organics	05/11/93	05/12/93	05/12/93	1	0
	Benzene	05/11/93		05/13/93		2
	HPLC Parameters	05/11/93	05/14/93	05/17/93	3	3
	TOC	05/11/93		05/11/93		1
	Arsenic and Lead	05/11/93		06/22/93		42*
	Mercury	05/11/93		05/14/93		3
	Soluble Phosphorous	05/11/93		05/15/93		3
OW660 (duplicate of OW650D)	General Organics	05/11/93	05/12/93	05/12/93	1	0
	Benzene	05/11/93		05/13/93		2
	HPLC Parameters	05/11/93	05/14/93	05/17/93	3	3
	TOC	05/11/93		05/11/93		1
	Arsenic and Lead	05/11/93		06/22/93		42*
	Mercury	05/11/93		05/14/93		3
	Soluble Phosphorous	05/11/93		05/15/93		3
OW652B	General Organics	05/06/93	05/11/93	05/11/93	5	0
	Benzene	05/06/93		05/11/93		5
	HPLC Parameters	05/06/93	05/11/93	05/12/93	5	1
	TOC	05/06/93		05/07/93		1
	Arsenic and Lead	05/06/93		05/18/93		43*
	Mercury	05/06/93		05/12/93		6
	Soluble Phosphorous	05/06/93		05/14/93		8

TABLE 5

SAMPLE HOLDING TIME SUMMARY
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Sample ID	*Analyses*	*Date Sample*	*Date Extracted*	*Date Analyzed*	*Holding Time (days) (1)*	*Holding Time (days) (2)*
OW652C	General Organics	05/06/93	05/11/93	05/11/93	5	0
	Benzene	05/06/93		05/12/93		6
	HPLC Parameters	05/06/93	05/14/93	05/17/93	8	3
	TOC	05/06/93		05/07/93		1
	Arsenic and Lead	05/06/93		06/18/93		43*
	Mercury	05/06/93		05/12/93		6
	Soluble Phosphorous	05/06/93		05/14/93		8
OW652D	General Organics	05/06/93	05/11/93	05/11/93	5	0
	Benzene	05/06/93		05/12/93		6
	HPLC Parameters	05/06/93	05/14/93	05/17/93	8	3
	TOC	05/06/93		05/07/93		1
	Arsenic and Lead	05/06/93		06/18/93		43*
	Mercury	05/06/93		05/12/93		6
	Soluble Phosphorous	05/06/93		05/14/93		8

TABLE 5

SAMPLE HOLDING TIME SUMMARY
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Sample ID	*Analyses*	*Date Sample*	*Date Extracted*	*Date Analyzed*	*Holding Time (days) (1)*	*Holding Time (days) (2)*
OW653B	General Organics	05/13/93	05/17/93	05/18/93	4	1
	Benzene	05/13/93		05/21/93		8*
	HPLC Parameters	05/13/93	05/21/93	05/22/93	8	1
	TOC	05/13/93		NA	NA	NA
	Arsenic and Lead	05/13/93		06/22/93		40*
	Mercury	05/13/93		05/21/93		8
	Soluble Phosphorous	05/13/93		05/28/93		15
OW653C	General Organics	05/15/93	05/19/93	05/20/93	4	1
	Benzene	05/15/93		05/22/93		7
	HPLC Parameters	05/15/93	05/21/93	05/22/93	6	1
	TOC	05/15/93		05/18/93		3
	Arsenic and Lead	05/15/93		06/22/93		38*
	Mercury	05/15/93		05/21/93		6
	Soluble Phosphorous	05/15/93		05/28/93		13
OW653D	General Organics	05/14/93	05/19/93	05/20/93	5	1
	Benzene	05/14/93		05/22/93		8*
	HPLC Parameters	05/14/93	05/21/93	05/22/93	7	1
	TOC	05/14/93		05/18/93		4
	Arsenic and Lead	05/14/93		06/22/93		39*
	Mercury	05/14/93		05/21/93		7
	Soluble Phosphorous	05/14/93		05/28/93		14

TABLE 5

SAMPLE HOLDING TIME SUMMARY
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Sample ID	*Analyses*	*Date Sample*	*Date Extracted*	*Date Analyzed*	*Holding Time (days) (1)*	*Holding Time (days) (2)*
OW657B	General Organics	05/06/93	05/07/93	05/07/93	1	0
	Benzene	05/06/93		05/11/93		5
	HPLC Parameters	05/06/93	05/11/93	05/12/93	5	1
	TOC	05/06/93		05/07/93		1
	Arsenic and Lead	05/06/93		06/18/93		43*
	Mercury	05/06/93		05/12/93		6
	Soluble Phosphorous	05/06/93		05/14/93		8
OW657C	General Organics	05/06/93	05/07/93	05/07/93	1	0
	Benzene	05/06/93		05/11/93		5
	HPLC Parameters	05/06/93	05/11/93	05/12/93	5	1
	TOC	05/06/93		05/07/93		1
	Arsenic and Lead	05/06/93		06/18/93		43*
	Mercury	05/06/93		05/12/93		6
	Soluble Phosphorous	05/06/93		05/14/93		8

TABLE 5

SAMPLE HOLDING TIME SUMMARY
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Sample ID	*Analyses*	*Date Sample*	*Date Extracted*	*Date Analyzed*	*Holding Time (days) (1)*	*Holding Time (days) (2)*
OW657D	General Organics	05/05/93	05/07/93	05/07/93	2	0
	Benzene	05/05/93		05/11/93		6
	HPLC Parameters	05/05/93	05/11/93	05/12/93	6	1
	TOC	05/05/93		05/06/93		1
	Arsenic and Lead	05/05/93		06/18/93		44*
	Mercury	05/05/93		05/12/93		7
	Soluble Phosphorous	05/05/93		05/14/93		9
OW658B	General Organics	05/10/93	05/12/93	05/12/93	2	0
	Benzene	05/10/93		05/13/93		3
	HPLC Parameters	05/10/93	05/14/93	05/17/93	4	3
	TOC	05/10/93		05/11/93		1
	Arsenic and Lead	05/10/93		06/18/93		39*
	Mercury	05/10/93		05/14/93		4
	Soluble Phosphorous	05/10/93		05/14/93		4
OW658C	General Organics	05/10/93	05/12/93	05/12/93	2	0
	Benzene	05/10/93		05/13/93		3
	HPLC Parameters	05/10/93	05/14/93	05/17/93	4	3
	TOC	05/10/93		05/11/93		1
	Arsenic and Lead	05/10/93		06/22/93		43*
	Mercury	05/10/93		05/14/93		4
	Soluble Phosphorous	05/10/93		05/14/93		4

TABLE 5

SAMPLE HOLDING TIME SUMMARY
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Sample ID	*Analyses*	*Date Sample*	*Date Extracted*	*Date Analyzed*	*Holding Time (days) (1)*	*Holding Time (days) (2)*
OW658D	General Organics	05/10/93	05/12/93	05/12/93	2	0
	Benzene	05/10/93		05/14/93		4
	HPLC Parameters	05/10/93	05/14/93	05/17/93	4	3
	TOC	05/10/93		05/11/93		1
	Arsenic and Lead	05/10/93		06/22/93		43*
	Mercury	05/10/93		05/14/93		4
	Soluble Phosphorous	05/10/93		05/14/93		4
OW659B	General Organics	05/05/93	05/07/93	05/07/93	2	0
	Benzene	05/05/93		05/11/93		6
	HPLC Parameters	05/05/93	05/11/93	05/12/93	6	1
	TOC	05/05/93		05/06/93		1
	Arsenic and Lead	05/05/93		06/18/93		44*
	Mercury	05/05/93		05/12/93		7
	Soluble Phosphorous	05/05/93		05/14/93		9

TABLE 5

SAMPLE HOLDING TIME SUMMARY
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Sample ID	*Analyses*	*Date Sample*	*Date Extracted*	*Date Analyzed*	*Holding Time (days) (1)*	*Holding Time (days) (2)*
OW659C	General Organics	05/05/93	05/07/93	05/07/93	2	0
	Benzene	05/05/93		05/11/93		6
	HPLC Parameters	05/05/93	05/11/93	05/12/93	6	1
	TOC	05/05/93		05/06/93		1
	Arsenic and Lead	05/05/93		06/18/93		44*
	Mercury	05/05/93		05/12/93		7
	Soluble Phosphorous	05/05/93		05/14/93		9
OW659D	General Organics	05/08/93	05/11/93	05/11/93	3	0
	Benzene	05/08/93		05/13/93		5
	HPLC Parameters	05/08/93	05/11/93	05/12/93	3	1
	TOC	05/08/93		05/11/93		3
	Arsenic and Lead	05/08/93		06/18/93		41*
	Mercury	05/08/93		05/13/93		5
	Soluble Phosphorous	05/08/93		05/14/93		6
PASNY139	General Organics	05/11/93	05/17/93	05/18/93	6	1
	Benzene	05/11/93		05/14/93		3
	HPLC Parameters	05/11/93	05/14/93	05/17/93	3	1
	TOC	05/11/93		05/11/93		0
	Arsenic and Lead	05/11/93		06/22/93		42*
	Mercury	05/11/93		05/14/93		3
	Soluble Phosphorous	05/11/93		05/14/93		3

TABLE 5

SAMPLE HOLDING TIME SUMMARY
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Sample ID	*Analyses*	*Date Sample*	*Date Extracted*	*Date Analyzed*	*Holding Time (days) (1)*	*Holding Time (days) (2)*
BH11D-92	General Organics	05/12/93	05/17/93	05/18/93	5	1
	Benzene	05/12/93		05/14/93		2
	HPLC Parameters	05/12/93	05/21/93	05/22/93	9	1
	TOC	05/12/93		05/14/93		2
	Arsenic and Lead	05/12/93		06/22/93		41*
	Mercury	05/12/93		05/21/93		9
	Soluble Phosphorous	05/12/93		05/28/93		16
MW-1	General Organics	05/12/93	05/17/93	05/18/93	5	1
	Benzene	05/12/93		05/12/93		0
	HPLC Parameters	05/12/93	05/21/93	05/22/93	9	1
	TOC	05/12/93		05/14/93		2
	Arsenic and Lead	05/12/93		06/22/83		41*
	Mercury	05/12/93		05/14/93		2
	Soluble Phosphorous	05/12/93		05/14/93		2

TABLE 5

SAMPLE HOLDING TIME SUMMARY
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Sample ID	*Analyses*	*Date Sample*	*Date Extracted*	*Date Analyzed*	*Holding Time (days) (1)*	*Holding Time (days) (2)*
MW-3	General Organics	05/11/93	05/17/93	05/18/93	6	1
	Benzene	05/11/93		05/13/93		2
	HPLC Parameters	05/11/93	05/21/93	05/22/93	10	1
	TOC	05/11/93		05/11/93		0
	Arsenic and Lead	05/11/93		06/22/93		42*
	Mercury	05/11/93		05/14/93		3
	Soluble Phosphorous	05/11/93		05/14/93		3

Notes:

(1) Sample holding time from collection to extraction.
(2) Sample holding time to analysis.
* Holding time exceedence.
NA - Not available as sample was received at the laboratory broken.
TOC - Total Organic Carbon.

TABLE 6
QUALIFIED SAMPLE DATA DUE TO HOLDING TIME EXCEEDANCES
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Parameter	*Compounds*	*Sample ID*	*Sample Concentration (µg/L)*	*Qualifier*
VOCs	Benzene	OW653B	190	J
VOCs	Benzene	OW653D	16	J

Notes:

VOCs - Volatile Organic Compounds
J - Associated value is estimated.

TABLE 7

METHOD BLANK DATA
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

	Detection Limits (µg-P/L)	*Blank Conc. (µg P/L)*	*Blank Conc. (µg P/L)*	*Blank Conc. (µg P/L)*	*Blank Conc. (µg P/L)*	*Blank Conc. (µg P/L)*	*Blank Conc. (µg P/L)*	*Blank Conc. (µg P/L)*	*Blank Conc. (µg P/L)*
Date Analyzed		*05/14/93*	*05/14/93*	*05/14/93*	*05/14/93*	*05/14/93*	*05/28/93*	*05/28/93*	*05/28/93*
Analyte									
Phosphorus, Total Soluble	10	ND	ND	ND	ND	ND	ND	ND	ND

	Detection Limits (µg/L)	*Blank Conc. (µg/L)*	*Blank Conc. (µg/L)*	*Blank Conc. (µg/L)*	*Blank Conc. (µg/L)*	*Blank Conc. (µg/L)*	*Blank Conc. (µg/L)*	*Blank Conc. (µg/L)*
Date Analyzed		*05/12/93*	*05/13/93*	*05/14/93*	*05/14/93*	*05/21/93*	*05/21/93*	*05/21/93*
Analyte								
Mercury	0.20	ND	ND	ND	ND	ND	ND	ND

	Detection Limits (µg/L)	*Blank Conc. (µg/L)*	*Blank Conc. (µg/L)*	*Blank Conc. (µg/L)*
Date Analyzed		*06/18/93*	*06/22/93*	*06/29/93*
Analyte				
Arsenic	23	ND	ND19	ND22
Lead	30	ND	ND16	ND21

	Detection Limits (µg/L)	*Blank Conc. (µg/L)*	*Blank Conc. (µg/L)*	*Blank Conc. (µg/L)*	*Blank Conc. (µg/L)*	*Blank Conc. (µg/L)*	*Blank Conc. (µg/L)*	*Blank Conc. (µg/L)*	*Blank Conc. (µg/L)*	*Blank Conc. (µg/L)*
Date Analyzed		*05/11/93*	*05/12/93*	*05/12/93*	*05/14/93*	*05/14/93*	*05/14/93*	*05/21/93*	*05/21/93*	*05/21/93*
Compound										
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 7

METHOD BLANK DATA
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Date Extracted	*Detection Limits (µg/L)*	*Blank Conc. (µg/L) 05/07/93*	*Blank Conc. (µg/L) 05/11/93*	*Blank Conc. (µg/L) 05/12/93*	*Blank Conc. (µg/L) 05/17/93*	*Blank Conc. (µg/L) 05/19/93*
Compound						
Toluene	1	ND	ND	ND	ND	ND
2-Chlorotoluene	1	ND	ND	ND	ND	ND
4-Chlorotoluene	1	ND	ND	ND	ND	ND
2,4-/2,4-Dichlorotoluene	1	ND	ND	ND	ND	ND
2,5-Dichlorotoluene	1	ND	ND	ND	ND	ND
2,3-/3,4-Dichlorotoluene	1	ND	ND	ND	ND	ND
2,3,6-Trichlorotoluene	1	ND	ND	ND	ND	ND
2,4,5-Trichlorotoluene	1	ND	ND	ND	ND	ND
Chlorobenzene	1	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	1	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	1	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	1	ND	ND	ND	ND	ND
1,2,3,4-Tetrachlorobenzene	1	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	1	ND	ND	ND	ND	ND
Hexachlorobenzene	1	ND	ND	ND	ND	ND
Trichloroethylene	1	ND	ND	ND	ND	ND
Tetrachloroethylene	1	ND	ND	ND	ND	ND
2-Chlorobenzotrifluoride	1	ND	ND	ND	ND	ND
4-Chlorobenzotrifluoride	1	ND	ND	ND	ND	ND
2,4-Dichlorobenzotrifluoride	1	ND	ND	ND	ND	ND
3,4--Dichlorobenzotrifluoride	1	ND	ND	ND	ND	ND

TABLE 7

METHOD BLANK DATA
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Date Extracted	*Detection Limits (µg/L)*	*Blank Conc. (µg/L) 05/07/93*	*Blank Conc. (µg/L) 05/11/93*	*Blank Conc. (µg/L) 05/12/93*	*Blank Conc. (µg/L) 05/17/93*	*Blank Conc. (µg/L) 05/19/93*
Compound						
Hexachlorobutadiene	1	ND	ND	ND	ND	ND
Octachlorocyclopentene	1	ND	ND	ND	ND	ND
Perchloropentacyclodecane (Mirex)	1	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	10	ND	ND	ND	ND	ND
a-Hexachlorocyclohexane	1	ND	ND	ND	ND	ND
b-Hexachlorocyclohexane	1	ND	ND	ND	ND	ND
g-Hexachlorocyclohexane	1	ND	ND	ND	ND	ND
d-Hexachlorocyclohexane	1	ND	ND	ND	ND	ND
a-Hexachlorocyclohexane	1	ND	ND	ND	ND	ND

Date Extracted	*Detection Limits (µg/L)*	*Blank Conc. (µg/L) 05/11/93*	*Blank Conc. (µg/L) 05/14/93*	*Blank Conc. (µg/L) 05/21/93*
Compound				
Benzoic Acid	100	ND	ND	ND
2-Chlorobenzoic acid	30	ND	ND	ND
3-Chlorobenzoic acid	30	ND	ND	ND
4-Chlorobenzoic acid	30	ND	ND	ND
Chlorobenzoic acids, total	90	ND	ND	ND
Chlorendic acid	250	ND	ND	ND

TABLE 7

METHOD BLANK DATA
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Date Analyzed	*Detection Limits (mg/L)*	*Blank Conc. (mg/L) 05/06/93*	*Blank Conc. (mg/L) 05/07/93*	*Blank Conc. (mg/L) 05/11/93*	*Blank Conc. (mg/L) 05/11/93*	*Blank Conc. (mg/L) 05/14/93*	*Blank Conc. (mg/L) 05/18/93*
Analyte							
Total Organic Carbon (TOC)	1	ND	ND	1	ND	2	2

TABLE 8

QUALIFIED SAMPLE DATA DUE TO METHOD BLANK CONTAMINATION
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHE MICAL CORPORATION
MAY 1993

Parameter	*Compound*	*Blank Analysis Date*	*Blank Conc. (mg/L)*	*Associated Sample*	*Sample Conc. (mg/L)*	*Qualified Sample Conc. (mg/l)*
TOC	TOC	05/11/93	1	OW650D	5	ND 5
				OW660	4	ND 4
				OW658B	6	ND 6
				OW658C	4	ND 4
				OW659D	3	ND 3
				PASNY139	3	ND 3
				MW-3	3	ND 3
TOC	TOC	05/14/93	2	BH11D-92	6	ND 6
				MW-1	6	ND 6
TOC	TOC	05/18/93	2	OW653C	5	ND 5
				OW653D	3	ND 3

Notes:
TOC - Total Organic Carbon.
ND - Non-detect at associated value.

TABLE 9

SURROGATE SPIKE RECOVERIES FOR BENZENE ANALYSES
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Sample ID	*Surrogate Recovery (Percent)*
OW650	
OW660 (duplicate of OW650)	117
OW652B	128*
OW652C	102
OW652D	I
OW653B	I
OW653C	95
OW653D	86
OW657B	77
OW657C	I
OW657D	I
OW658B	I
OW658C	0*
OW658D	106
OW659B	114
OW659C	95
OW659D	105
PASNY 139	88
BH11D-92	0*
MW-1	110
MW-3	138*
	119

Notes:

I - Surrogate recovery not available due to sample matrix interferences.
* - Surrogate recovery outside of contract limits (50-120%).

TABLE 10

BLANK SPIKE RECOVERIES
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Date Extracted	*Blank Spike 05/07/93*	*Blank Spike 05/11/93*	*Blank Spike 05/12/93*	*Blank Spike 05/17/93*	*Blank Spike 05/19/93*
Compound/Analytes					
Toluene	100	92	92	92	100
Chlorobenzene	92	81	73	88	100
2-Chlorotoluene	116	108	104	108	120
4-Chlorotoluene	112	104	104	104	116
1,3-Dichlorobenzene	112	100	100	104	115
1,4-Dichlorobenzene	116	104	100	112	120
1,2-Dichlorobenzene	112	100	100	104	116
2,4-/2,4-Dichlorotoluene	112	104	104	104	115
2,6-Dichlorotoluene	120	108	108	108	116
2,3-/3,4-Dichlorotoluene	112	100	104	104	112
Trichloroethylene	77	58*	88	100	96
Tetrachloroethylene	76	56*	92	108	108
4-Chlorobenzotrifluoride	64	92	88	104	104
2-Chlorobenzotrifluoride	72	56*	96	108	108
3,4--Dichlorobenzotrifluoride	68	56*	96	104	108
2,4-Dichlorobenzotrifluoride	68	56*	92	104	104
1,2,4-Trichlorobenzene	77	50*	96	104	104
1,2,3-Trichlorobenzene	84	68	96	108	108
Hexachlorobutadiene	84	76	80	100	96
2,4,5-Trichlorotoluene	88	88	76	104	104
2,3,6-Trichlorotoluene	85	88	77	100	100
1,2,4,5-Tetrachlorobenzene	88	92	77	104	104
Hexachlorocyclopetadiene	88	92	56*	96	88
2,4,5-Trichlorophenol	72	68	84	88	84
1,2,3,4-Tetrachlorobenzene	93	93	74	104	104
Octachlorocyclopentene	96	100	76	96	96
a-Hexachlorocyclohexane	96	100	104	104	108
b-Hexachlorocyclohexane	88	92	88	92	100
Hexachlorobenzene	100	108	108	100	108
g-Hexachlorocyclohexane	96	100	100	100	108
d-Hexachlorocyclohexane	93	96	93	93	100
Perchloropentacyclodecane (Mirex)	100	108	96	104	113

Date Extracted	*Blank Spike 05/11/93*	*Blank Spike 05/14/93*	*Blank Spike 05/21/93*
Benzoic Acid	90	85	90
2-Chlorobenzoic acid	90	90	90
3-Chlorobenzoic acid	95	90	90
4-Chlorobenzoic acid	95	90	95
Chlorobenzoic acids, total	95	90	92
Chlorendic acid	96	77	90

TABLE 11

QUALIFIED SAMPLE DATA DUE TO OUTLYING BLANK SPIKE RECOVERIES
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Parameter	*Compounds*	*Blank Spike Recoveries*	*Associated Samples*	*Sample Concentration (µg/L)*	*Data Qualifier*
General Organics	Trichloroethylene	58	OW652C	54	J
			OW652D	21	J
General Organics	Tetrachloroethylene	56	OW652B	1	J
			OW652C	7	J
			OW652D	1	J
			OW659D	3	J
General Organics	1,2,4-Trichlorobenzene	50	OW652C	3	J
			OW652D	1	J
			OW659D	9	J

Notes:

ND - Non-Detect at associated detection limit.

TABLE 12

REFERENCE STANDARD RECOVERIES
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Date Extracted	*Reference Standard 05/08/93*	*Reference Standard 05/12/93*	*Reference Standard 05/13/93*	*Reference Standard 05/19/93*	*Reference Standard 05/19/93*
Compound/Analytes					
Toluene	100	106	95	95	100
Chlorobenzene	98	102	93	104	119
2-Chlorotoluene	108	114	100	104	115
4-Chlorotoluene	107	114	99	103	114
1,3-Dichlorobenzene	101	114	95	98	109
1,4-Dichlorobenzene	100	101	87	98	109
1,2-Dichlorobenzene	102	107	93	100	111
2,4-/2,4-Dichlorotoluene	102	112	97	101	113
2,6-Dichlorotoluene	105	112	97	102	114
2,3-/3,4-Dichlorotoluene	104	112	98	101	113
Trichloroethylene	100	107	94	103	101
Tetrachloroethylene	98	61	90	104	103
4-Chlorobenzotrifluoride	95	109	86	104	103
2-Chlorobenzotrifluoride	100	64	95	103	102
3,4--Dichlorobenzotrifluoride	98	108	93	102	102
2,4-Dichlorobenzotrifluoride	99	64	91	101	101
1,2,4-Trichlorobenzene	99	58*	91	99	99
1,2,3-Trichlorobenzene	95	63	85	95	93
Hexachlorobutadiene	96	78	95	100	97
2,4,5-Trichlorotoluene	96	97	79	98	98
2,3,6-Trichlorotoluene	97	98	80	98	99

TABLE 12

REFERENCE STANDARD RECOVERIES
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Date Extracted:	*Reference Standard 05/08/93*	*Reference Standard 05/12/93*	*Reference Standard 05/13/93*	*Reference Standard 05/19/93*	*Reference Standard 05/19/93*
Compound/Analytes					
1,2,4,5-Tetrachlorobenzene	96	100	75	98	99
Hexachlorocyclopetadiene	98	102	97	88	90
2,4,5-Trichlorophenol	80	116	83	116	106
1,2,3,4-Tetrachlorobenzene	97	102	78	92	95
Octachlorocyclopentene	98	105	97	89	86
a-Hexachlorocyclohexane	95	108	88	96	92
b-Hexachlorocyclohexane	90	118	91	97	89
Hexachlorobenzene	97	121*	101	98	99
g-Hexachlorocyclohexane	94	111	86	96	90
d-Hexachlorocyclohexane	90	116	91	96	88
Perchloropentacyclodecane (Mirex)	94	121	99	100	91

Date Analyzed:	*Reference Standard 06/18/93*	*Reference Standard 06/22/93*	*Reference Standard 06/29/93*
Arsenic	91	100	96
Lead	92	100	96

TABLE 12

REFERENCE STANDARD RECOVERIES
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Date Analyzed:	*Reference Standard 05/06/93*	*Reference Standard 05/07/93*	*Reference Standard 05/11/93*	*Reference Standard 05/11/93*	*Reference Standard 05/14/93*	*Reference Standard 05/18/93*
Total Organic Carbon (TOC)	100	103	104	100	100	100

Note:
* Recovery is outside of the applicable control limit.

TABLE 13

QUALIFIED SAMPLE DATA DUE TO OUTLYING REFERENCE STANDARD RECOVERIES
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Parameter	*Compounds*	*Reference Standard Recovery (Percent)*	*Associated Samples*	*Sample Concentration (µg/L)*	*Data Qualifier*
General Organics	1,2,4-Trichlorobenzene	58	OW650D	2	J
			OW660	1	J

Notes:

ND - Non-Detect at associated detection limit.
J - Associated result is estimated.

TABLE 14

MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) RECOVERIES
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

MS/MSD Sample ID:	*OW657C*			*PASNY139*			*OW-653C*			*OW-652B*			*OW-658B*		
Analytes	*MS*	*MSD*	*RPD*	*MS*	*MSD*	*RPD*	*MS*	*MSD*	*RPD*	*MS*	*MSD*	*RPD*	*MS*	*MSD*	*RPD*
Benzene	75	75	0	80	80	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	80	76	5	72	76	5	76	80	5	76	76	0	72	76	5
Chlorobenzene	69	65	6	77	77	0	73	81	10	73	69	6	69	73	6
2-Chlorotoluene	96	92	4	96	96	0	96	104	9	100	96	4	84	88	5
4-Chlorotoluene	96	92	4	92	92	0	92	104	12	96	92	4	88	92	4
1,3-Dichlorobenzene	96	92	4	92	92	0	96	104	8	92	92	0	85	88	3
1,4-Dichlorobenzene	100	96	4	100	100	0	100	104	8	92	92	0	92	96	4
1,2-Dichlorobenzene	92	88	4	92	92	0	92	108	8	88	88	0	88	92	4
2,4-/2,4-Dichlorotoluene	96	92	4	96	92	4	96	100	8	92	92	0	92	92	0
2,6-Dichlorotoluene	96	92	4	96	92	4	96	104	8	92	92	0	92	92	0
2,3-/3,4-Dichlorotoluene	96	92	4	96	92	4	96	104	8	96	92	4	88	92	4
Trichloroethylene	NA	NA	NA	NA	NA	NA	73	81	10	50*	50*	0	62	69	11
Tetrachloroethylene	68	44*	43*	40*	44*	10	76	84	10	48*	44*	9	72	76	5
4-Chlorobenzotrifluoride	120	112	7	76	76	0	80	84	5	84	80	5	64	68	6
2-Chlorobenzotrifluoride	60	56*	7	84	84	0	80	88	10	44*	44*	0	76	84	10
3,4--Dichlorobenzotrifluoride	68	60	13	88	88	0	84	92	9	80	80	0	80	84	5
2,4-Dichlorobenzotrifluoride	60	56*	7	84	88	5	80	88	10	44*	44*	0	80	80	0
1,2,4-Trichlorobenzene	77	73	5	92	96	4	88	96	9	50*	50*	0	85	88	3
1,2,3-Trichlorobenzene	84	84	0	96	96	0	88	96	9	60	60	0	84	88	5
Hexachlorobutadiene	72	68	6	80	80	0	72	80	11	56*	56*	0	60	64	6
2,4,5-Trichlorotoluene	84	84	0	92	96	4	84	92	9	80	80	0	76	76	0
2,3,6-Trichlorotoluene	85	81	5	85	88	3	81	88	8	77	77	0	62	62	0
1,2,4,5-Tetrachlorobenzene	88	88	0	88	92	4	85	96	12	85	85	0	80	62	25*
Hexachlorocyclopetadiene	84	80	5	80	84	5	68	80	16	80	80	0	72	72	0
2,4,5-Trichlorophenol	76	76	0	80	88	10	100	104	4	80	84	5	72	68	6
1,2,3,4-Tetrachlorobenzene	93	96	3	93	100	7	85	96	12	89	89	0	63	63	0
Octachlorocyclopentene	92	92	0	76	84	10	72	84	15	88	88	0	80	80	0
a-Hexachlorocyclohexane	104	104	0	92	100	8	92	100	8	100	104	4	88	92	4
b-Hexachlorocyclohexane	92	92	0	84	88	5	80	88	10	88	92	4	76	76	0
Hexachlorobenzene	96	100	4	91	88	8	73	85	15	85	88	3	77	81	5
g-Hexachlorocyclohexane	100	100	0	88	96	9	85	96	12	100	100	0	85	88	3
d-Hexachlorocyclohexane	96	96	0	85	93	9	89	96	8	93	96	3	81	81	0
Perchloropentacyclodecane (Mirex)	92	92	0	83	88	6	71	67	6	71	75	5	58*	67	14

TABLE 14

MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) RECOVERIES
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

MS/MSD Sample ID:	*OW657C*			*OW-658C*			*OW-657C*			*BH-11D*		
Analytes	*MS*	*MSD*	*RPD*	*MS*	*MSD*	*RPD*	*MS*	*MSD*	*RPD*	*MS*	*MSD*	*RPD*
Benzoic Acid	84	90	5	78	86	10	92	82	11	82	78	5
2-Chlorobenzoic acid	86	90	5	84	92	9	94	84	11	88	86	2
3-Chlorobenzoic acid	86	90	5	80	90	12	92	86	7	88	82	7
4-Chlorobenzoic acid	86	90	5	80	96	18	94	86	9	86	78	10
Chlorobenzoic acids, total	86	90	5	80	93	15	94	86	9	88	82	7
Chlorendic acid	86	88	2	76	94	21	74	84	13	99	81	20

Notes:
RPD - Relative Percent Difference
NA - Not Available
* - Results are outside of applicable control limits

TABLE 15

MATRIX SPIKE (MS) RECOVERIES FOR INORGANIC ANALYSES
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

MS Sample ID:	*OW657C*	*OW-658C*	*PASNY139*	*OW-653C*	*OW-650*
Analytes					
Phosphorus, Total Soluble	96	-	100	-	-
Arsenic	93	93	-	95	-
Mercury	92	-	115	-	-
Lead	93	92	-	92	-
Total Organic Carbon (TOC)	-	-	-	-	100

TABLE 16

DUPLICATE ANALYSIS DATA
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

MS/MSD Sample ID:	*Units*	*PASNY139*			*OW657C*			*OW658C*			*OW653C*		
		Orig. Conc.	*Dup. Conc.*	*RPD*	*Orig. Conc.*	*Dup. Conc.*	*RPD*	*Orig. Conc.*	*Dup. Conc.*	*RPD*	*Orig. Conc.*	*Dup. Conc.*	*RPD*
Analytes													
Phosphorus, Total Soluble	µg-P/L	ND	ND	*	ND	ND	*	--	--	--	--	--	--
Arsenic	µg/L	ND	ND	*	ND	ND	*	--	--	--	--	--	--
Mercury	µg/L	--	--	--	ND	ND	*	ND	ND	*	ND	ND	*
Lead	µg/L	--	--	--	ND	ND	*	ND	ND	*	ND	ND	*

Notes:

RPD - Relative Percent Difference
ND - Non-detect at the associated detection limit
* RPD could not be calculated due to one or more non-detect values

TABLE 17

RINSATE BLANK DATA
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Compounds/Analytes	*Units*	*Detection Limit*	*Rinse Blank Concentration*
Phosphorus, Total Soluble	µg P/L	10	ND
Arsenic	µg/L	19	ND
Mercury	µg/L	0.4	ND
Lead	µg/L	16	ND
Toluene	µg/L	1	ND
2-Chlorotoluene	µg/L	1	ND
4-Chlorotoluene	µg/L	1	ND
2,4-/2,4-Dichlorotoluene	µg/L	1	ND
2,6-Dichlorotoluene	µg/L	1	ND
2,3-/3,4-Dichlorotoluene	µg/L	1	ND
2,3,6-Trichlorotoluene	µg/L	1	ND
2,4,5-Trichlorotoluene	µg/L	1	ND
Benzene	µg/L	1	ND
Chlorobenzene	µg/L	1	ND
1,2-Dichlorobenzene	µg/L	1	ND
1,3-Dichlorobenzene	µg/L	1	ND
1,4-Dichlorobenzene	µg/L	1	ND
1,2,3-Trichlorobenzene	µg/L	1	ND
1,2,4-Trichlorobenzene	µg/L	1	ND
1,2,3,4-Tetrachlorobenzene	µg/L	1	ND
1,2,4,5-Tetrachlorobenzene	µg/L	1	ND
Hexachlorobenzene	µg/L	1	ND
Trichloroethylene	µg/L	1	ND
Tetrachloroethylene	µg/L	1	ND
2-Chlorobenzotrifluoride	µg/L	1	ND
4-Chlorobenzotrifluoride	µg/L	1	ND
2,4-Dichlorobenzotrifluoride	µg/L	1	ND
3,4-Dichlorobenzotrifluoride	µg/L	1	ND
Hexachlorobutadiene	µg/L	1	ND
Hexachlorocyclopentadiene	µg/L	1	ND
Octachlorocyclopentene	µg/L	1	ND
Perchloropentacyclodecane (Mirex)	µg/L	1	ND
2,4,5-Trichlorophenol	µg/L	10	ND
a-Hexachlorocyclohexane	µg/L	1	ND
b-Hexachlorocyclohexane	µg/L	1	ND
g-Hexachlorocyclohexane	µg/L	1	ND
d-Hexachlorocyclohexane	µg/L	1	ND
Benzoic Acid	µg/L	100	ND
2-Chlorobenzoic acid	µg/L	30	ND
3-Chlorobenzoic acid	µg/L	30	ND
4-Chlorobenzoic acid	µg/L	30	ND
Chlorobenzoic acids, total	µg/L	90	ND
Chlorendic acid	µg/L	250	ND
Total Organic Carbon (TOC)	mg/L	1	1
Total Organic Halides (TOX)	µg/L	10	17

Notes:

ND - Non-detect at the specified detection limit

TABLE 18

QUALIFIED SAMPLE DATA DUE TO RINSATE BLANK CONTAMINATION
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Parameter	*Compounds*	*Rinsate Blank Conc. (mg/L)*	*Associated Samples*	*Sample Concentration (mg/L)*	*Qualified Sample Conc. (mg/L)*
TOC	TOC	1	OW650D	5	ND5
			OW660	4	ND4
			OW652B	6	ND6
			OW652C	3	ND3
			OW652D	6	ND6
			OW653C	5	ND5
			OW653D	3	ND3
			OW657B	4	ND4
			OW657C	3	ND3
			OW657D	3	ND3
			OW658B	6	ND6
			OW658C	4	ND4
			OW659D	3	ND3
			PASNY139	3	ND3
			BH11D-92	6	ND6
			MW-1	6	ND6
			MW-3	3	ND3

Notes:

ND - Non-Detect at associated collection limit.
TOC - Total Organic Carbon.

TABLE 19

FIELD DUPLICATE RESULTS
PHASE 2 - ROUND 1 OSI SAMPLING
OCCIDENTAL CHEMICAL CORPORATION
MAY 1993

Compounds/Analytes	*Units*	*OW650*	*OW660 Dup.*	*RPD*
Phosphorus, Total Soluble	µg P/L	ND	ND	*
Arsenic	µg/L	ND	ND	*
Mercury	µg/L	3.1	ND	*
Lead	µg/L	ND16	38	*
Toluene	µg/L	ND	ND	*
2-Chlorotoluene	µg/L	ND	ND	*
4-Chlorotoluene	µg/L	ND	ND	*
2,4-/2,4-Dichlorotoluene	µg/L	ND	ND	*
2,6-Dichlorotoluene	µg/L	ND	ND	*
2,3-/3,4-Dichlorotoluene	µg/L	ND	ND	*
2,3,6-Trichlorotoluene	µg/L	ND	ND	*
2,4,5-Trichlorotoluene	µg/L	ND	ND	*
Benzene	µg/L	ND	ND	*
Chlorobenzene	µg/L	ND	ND	*
1,2-Dichlorobenzene	µg/L	1	2	67**
1,3-Dichlorobenzene	µg/L	ND	ND	*
1,4-Dichlorobenzene	µg/L	ND	ND	*
1,2,3-Trichlorobenzene	µg/L	ND	ND	*
1,2,4-Trichlorobenzene	µg/L	2	1	67**
1,2,3,4-Tetrachlorobenzene	µg/L	ND	ND	*
1,2,4,5-Tetrachlorobenzene	µg/L	ND	ND	*
Hexachlorobenzene	µg/L	ND	ND	*
Trichloroethylene	µg/L	2	2	0
Tetrachloroethylene	µg/L	1	1	0
2-Chlorobenzotrifluoride	µg/L	ND	ND	*
4-Chlorobenzotrifluoride	µg/L	ND	ND	*
2,4-Dichlorobenzotrifluoride	µg/L	ND	ND	*
3,4-Dichlorobenzotrifluoride	µg/L	ND	ND	*
Hexachlorobutadiene	µg/L	ND	ND	*
Hexachlorocyclopentadiene	µg/L	ND	ND	*
Octachlorocyclopentene	µg/L	ND	ND	*
Perchloropentacyclodecane (Mirex)	µg/L	ND	ND	*
2,4,5-Trichlorophenol	µg/L	ND	ND	*
a-Hexachlorocyclohexane	µg/L	ND	ND	*
b-Hexachlorocyclohexane	µg/L	ND	ND	*
g-Hexachlorocyclohexane	µg/L	ND	ND	*
d-Hexachlorocyclohexane	µg/L	ND	ND	*
Benzoic Acid	µg/L	ND	ND	*
2-Chlorobenzoic acid	µg/L	ND	ND	*
3-Chlorobenzoic acid	µg/L	ND	ND	*
4-Chlorobenzoic acid	µg/L	ND	ND	*
Chlorobenzoic acids, total	µg/L	ND	ND	*
Chlorendic acid	µg/L	ND	ND	*
Total Organic Carbon (TOC)	mg/L	5	4	22
Total Organic Halides (TOX)	µg/L	85	110	26

Notes:

RPD - Relative Percent Difference
ND - Non-detect at the associated detection limit
* RPD value could not be calculated due to one or more non-detect results
** RPD above the acceptable limit of 30.

DATA VALIDATION
OCCIDENTAL CHEMICAL CORPORATION
OFF-SITE INVESTIGATION (OSI)

Niagara Falls, New York

NOVEMBER 1993

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TABLE OF CONTENTS

		Page
1.0	EXECUTIVE SUMMARY	1
2.0	GENERAL	4
3.0	HOLDING TIMES	5
4.0	SAMPLE PRESERVATION	6
5.0	METHOD BLANK ANALYSES	7
6.0	SURROGATE SPIKE RECOVERIES	8
7.0	BLANK SPIKE ANALYSES	9
8.0	REFERENCE STANDARD ANALYSES	10
9.0	MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSES	11
10.0	MATRIX SPIKE (MS) ANALYSES	13
11.0	DUPLICATE SAMPLE ANALYSES	14
12.0	FIELD QA/QC	15
	12.1 RINSATE BLANK ANALYSES	15
	12.2 FIELD DUPLICATE ANALYSES	15
13.0	CONCLUSIONS	16

LIST OF TABLES
(Following Report)

TABLE 1	SAMPLE KEY
TABLE 2	GENERAL ORGANIC AND HPLC PARAMETERS
TABLE 3	ANALYTICAL DATA SUMMARY
TABLE 4	MAXIMUM HOLDING TIMES
TABLE 5	SAMPLE HOLDING TIME SUMMARY
TABLE 6	METHOD BLANK DATA
TABLE 7	QUALIFIED SAMPLE DATA DUE TO METHOD BLANK CONTAMINATION
TABLE 8	SURROGATE SPIKE RECOVERIES FOR BENZENE ANALYSES
TABLE 9	QUALIFIED DATA DUE TO OUTLYING SURROGATE RECOVERIES
TABLE 10	BLANK SPIKE RECOVERIES
TABLE 11	REFERENCE STANDARD PERCENT RECOVERIES
TABLE 12	MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) RECOVERIES FOR GENERAL ORGANIC ANALYSES
TABLE 13	MATRIX SPIKE (MS) RECOVERIES FOR INORGANIC ANALYSES
TABLE 14	DUPLICATE ANALYSIS DATA
TABLE 15	RINSATE BLANK DATA
TABLE 16	QUALIFIED SAMPLE DATA DUE TO RINSATE BLANK CONTAMINATION
TABLE 17	FIELD DUPLICATE RESULTS